



# Transportation Permits Policy Memorandum

**Subject:** Minimum Axle Width for Tractor Drive Axles  
**Date:** January 9, 2014  
**Policy:** TPPM 2013-01  
**Reference:** CTPAC WG9-101304-001

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## **Objective**

This policy will allow for tractor drive axles equipped with new generation wide base single (NGWBS) tires to qualify for green weight. Axle width for tractor drive axles equipped with NGWBS tires shall be a minimum of 92 inches to qualify for extralegal weight.

## **Existing Documentation**

### **Transportation Permits Manual, Chapter 1 GENERAL PROVISIONS**

Section 106.4.1 Data Required From Applicant, 13<sup>th</sup> bullet:

- The maximum axle width measured from the extreme width of the axle or tire on the left side to the extreme width of the axle or tire of the same axle on the right side if extra legal weight is required. Do not measure load induced tire bulge. Actual measurements are required. Do not "round-off". Axle width shall be a minimum of 96 inches to qualify for extralegal weight except that dollies used in beam and dolly operations may be allowed a proportionate amount of straight purple chart weight.

### **Transportation Permits Manual, Chapter 3 VEHICLE QUALIFICATION AND INSPECTION**

Section 302.1 MINIMUM VEHICLE SIZE:

- Super single tires of a minimum size of 18" x 19.5" are an acceptable substitute for dual tires. The metric equivalent cross section width of 445mm is also acceptable. Tires marked by the manufacturer with a 17.5" cross section width will be treated as 18" tires.

## **Transportation Permit Manual Changes**

1) *Add the following new section to:*

### **302.5 Allowable Axle Weight**

#### **302.5.6 Minimum Axle Width for Tractor Drive Axles**

1. Axle width shall be a minimum of 96 inches to qualify for extralegal weight. The maximum axle width is measured from the extreme width of the axle or tire on the left side to the extreme

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width of the axle or tire of the same axle on the right side. Do not measure load induced tire bulge. Actual measurements are required, no "rounding-off".

2. Axle width for Tractor Drive Axles equipped with New Generation Wide Base Single (NGWBS) tires shall be a minimum of 92 inches to qualify for extralegal straight GREEN weight.
3. Weight Chart Plate 25-4 shall be used for assignment of Tractor Drive Axles equipped with NGWBS tires. Weights are drawn from 8'-0" wide, 4 tires per axle line, and are limited to equipment capacity.
4. For all vehicles equipped with NGWBS tires, the provisions for single wide type tires apply.

  
YIN PING LI, Chief  
Office of Permits

  
Date